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#42 Collection #42 Tracking/Designated Lineages Fastest 100 Plus Recent Designations

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This collection keeps track of recent designated lineages - daily updated

Suggested baseline (6 Dec 2023):
JN.1* (Nextclade)

This collection was last updated at Tue 19 Mar 2024 18:06 UTC.

Variants

World

Past 6 months

from2023-09-18



to2024-03-13



Baseline: You can select a baseline variant to compare the variants in the collection against that variant. **Currently, the baseline variant is XBB.1.5* (Nextclade).**

xbb.1.5* (Nextclade) x





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Select baseline

only

TABLESEQUENCES OVER TIMEMUTATIONS

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	Name	Query	Number sequences	Submitted in past 10 days	Relative growth advant... ↓	CI (low)	CI (high)	Description
★	KP.2.1 (JN.1.11.1.2.1; BA.2.86.1.1.11.1.2.1).	C7113T & T22928C & T3565C & G22599C & !C6070T & !A24819G & !G943A & !C19895T & !A2745G & C25163A	5	5	8351.75%	-30912.05%	47615.54%	S:Q1201K
★	KP.2.2 (JN.1.11.1.2.2; BA.2.86.1.1.11.1.2.2).	C7113T & T22928C & T3565C & G22599C & !C6070T & !A24819G & !G943A & !C19895T & !A2745G & T21737C & A25359G	3	2	1302.21%	-1905.81%	4510.24%	S:F59L S:K1266R
★	KP.2 (JN.1.11.1.2; BA.2.86.1.1.11.1.2).	C7113T & T22928C & T3565C & G22599C & !C6070T & !A24819G & !G943A & !C19895T & !A2745G	70	45	447.52%	247.97%	647.07%	S:R346T
Chat								

★	KS.1 (JN.1.13.1.1; BA.2.86.1.1.13.1.1)	JN.1.13* (Nextclade) + S:R346T, S:F59S, S:F456L	9	3	315.71%	81.19%	550.24%	S:F456L
★	KP.3 (JN.1.11.1.2; BA.2.86.1.1.11.1.3)	JN.1.11.1* (Nextclade) + S:Q493E	12	5	313.07%	110.23%	515.92%	S:Q493E
★	KP.1.1 (JN.1.11.1.1.1; BA.2.86.1.1.11.1.1.1)	JN.1.11.1* (Nextclade) + S:K1086R, S:R346T	36	17	295.76%	170.18%	421.35%	S:R346T
★	JN.1.16.1 (BA.2.86.1.1.16.1)	JN.1* (Nextclade) + G22599C, T22928C, T22916T, C1762C, T1871T, T4195T, T7789T, C26894C, C7113C, G25290G, A7708A, T18894T, T12789T, A18093A, T5120T, T18453T, C774C, C835C, G22111G, A15171A, G1156G, G9086G	30	8	247.37%	147.45%	347.28%	S:R346T
★	Multilineage JN.1* with S:R346T and S:F456L	JN.1* (Nextclade) + S:R346T, S:F456L	254	111	173.14%	147.14%	199.13%	S:R346T S:F456L
★	Multilineage BA.2.86* with S:R346T and S:F456L	BA.2.86* (Nextclade) + S:R346T, S:F456L	258	111	150.94%	130.48%	171.41%	S:R346T S:F456L
★	Multilineage BA.2.86* including BA.2.86-derived recombinants with S:R346T and S:F456L	(nextcladePangoLineage:BA.2.86* nextcladePangoLineage:XDD* nextcladePangoLineage:XDK* nextcladePangoLineage:XDN* nextcladePangoLineage:XD* nextcladePangoLineage:XDQ* nextcladePangoLineage:XDR* nextcladePangoLineage:XDS* nextcladePangoLineage:XD*) & S:R346T & S:F456L	259	111	150.94%	130.51%	171.37%	S:R346T S:F456L
★	KQ.1 (JN.1.4.3.1; BA.2.86.1.1.4.3.1)	JN.1.4.3* (Nextclade) + S:R346T	138	51	144.84%	121.43%	168.26%	S:R346T
★	XDK.1	XDK* (Nextclade) + S:R346T	11	3	138.65%	76.82%	200.48%	S:R346T
★	KP.1 (JN.1.11.1.1; BA.2.86.1.1.11.1.1)	JN.1.11* (Nextclade) + S:F456L, S:K1086R	93	22	136.29%	111.50%	161.07%	S:K1086R
★	JN.1.33 (BA.2.86.1.1.33)	JN.1* (Nextclade) + G2782T, C5512T + S:A67V	93	25	123.32%	102.17%	144.47%	G2782T C5512T S:A67V
★	JN.1.7.1 (BA.2.86.1.1.7.1)	JN.1.7* (Nextclade) + S:R346K	31	7	121.70%	88.95%	154.46%	S:R346K
★	JN.1.11.1 (BA.2.86.1.1.11.1)	JN.1.11.1* (Nextclade)	369	114	117.73%	105.77%	129.69%	S:F456L
★	JN.1.13.1 (BA.2.86.1.1.13.1)	JN.1.13* (Nextclade) + S:R346T, S:F59S	430	111	116.54%	105.45%	127.62%	S:R346T S:F59S
★	JN.1.23 (BA.2.86.1.1.23)	(nextcladePangoLineage:JN.1 & [3-of:S:K444R, S:Y453F, ORF1a:A307V, ORF1a:P2144L]) nextcladePangoLineage:JN.1.23*	28	12	115.11%	83.49%	146.74%	S:K444R S:Y453F ORF1 NSP3:P1326L
★	JN.1.7.2 (BA.2.86.1.1.7.2)	JN.1.7* (Nextclade) + ORF1b:C1563F	210	64	112.40%	98.82%	125.98%	ORF1b:C1563F NSP14:C
★	JN.1.13 (BA.2.86.1.1.13)	JN.1.13* (Nextclade)	470	119	110.04%	100.19%	119.88%	S:A1087S
★	KR.1 (JN.1.1.5.1; BA.2.86.1.1.1.5.1)	JN.1.1* (Nextclade) + C28498T + S:R346T, S:F456L	14	1	109.05%	68.29%	149.81%	C28498T S:F456L

★	<u>Multilineage BA.2.86* including BA.2.86-derived recombinants with S:R346T, S:F456L, and S:T572I</u>	(nextcladePangoLineage:BA.2.86* nextcladePangoLineage:XDD* nextcladePangoLineage:XDK* nextcladePangoLineage:XDN* nextcladePangoLineage:XDQ* nextcladePangoLineage:XDR* nextcladePangoLineage:XDS* nextcladePangoLineage:XD*) & S:R346T & S:F456L & S:T572I	2	0	105.96%	7.06%	204.87%	S:R346T S:F456L
★	<u>JN.1.4.4 (BA.2.86.1.1.4.4)</u>	JN.1* (Nextclade) + C774T, T3565C, G22599C, T18453T, G25445G, C23277C, T3400T, C27982C, C2395C, G533G, C6870C, G22627G, T25542T, C10078C	57	10	102.40%	82.32%	122.48%	S:R346T
★	<u>XDQ.1</u>	XDQ* (Nextclade) + S:A475V	56	10	100.56%	80.81%	120.31%	S:A475V
★	<u>JN.1.11 (BA.2.86.1.1.11)</u>	JN.1.11* (Nextclade)	496	137	99.95%	91.59%	108.31%	G17334T S:V1104L
★	<u>Multilineage BA.2.86* with S:R346T, S:F456L, and S:T572I</u>	BA.2.86* (Nextclade) + S:R346T, S:F456L, S:T572I	1	0	98.98%	-29.96%	227.92%	S:R346T S:F456L
★	<u>Multilineage JN.1* with S:R346T, S:F456L, and S:T572I</u>	JN.1* (Nextclade) + S:R346T, S:F456L, S:T572I	1	0	98.98%	-29.96%	227.92%	S:R346T S:F456L
★	<u>JN.1.7 (BA.2.86.1.1.7)</u>	JN.1.7* (Nextclade)	2 542	469	97.00%	92.32%	101.69%	S:T572I S:E1150D
★	<u>JN.1.18.1 (BA.2.86.1.1.18.1)</u>	JN.1.18* (Nextclade) + S:T250N	23	8	94.73%	67.34%	122.13%	S:T250N
★	<u>XDS</u>	XDS* (Nextclade)	55	8	92.29%	74.47%	110.11%	EG.5.1.3/JN.3.2.1 recom
★	<u>Sequences with Slip (S:L455S and S:F456L)</u>	S:L455S, S:F456L	1 090	263	90.71%	85.16%	96.26%	S:L455S S:F456L
★	<u>JN.1.25.1 (BA.2.86.1.1.25.1)</u>	JN.1* (Nextclade) + C706T, A7708T + S:R346T	17	4	89.10%	59.81%	118.38%	S:R346T
★	<u>JN.1.4.3 (BA.2.86.1.1.4.3)</u>	JN.1.4.3* (Nextclade)	1 026	212	88.76%	83.31%	94.22%	S:T572I
★	<u>JN.1.9.1 (BA.2.86.1.1.9.1)</u>	JN.1.9.1* (Nextclade)	93	21	88.62%	75.22%	102.01%	S:T572I ORF1a:A3143V
★	<u>JN.1.1.6 (BA.2.86.1.1.1.6)</u>	JN.1* (Nextclade) + T22928C, C1762A, C11747T, C9142C, G22104G, G4720G, C25463C, C20762C, C22227C, C21654C	33	8	87.30%	66.52%	108.07%	S:F456L direct on the po
★	<u>JN.1.16 (BA.2.86.1.1.16)</u>	JN.1.16* (Nextclade)	423	69	85.72%	78.60%	92.84%	S:F456L
★	<u>JN.1.4.6 (BA.2.86.1.1.4.6)</u>	JN.1.4* (Nextclade) + T18453C + S:T572I	734	128	85.59%	79.79%	91.39%	S:T572I

★	JN.1.32 (BA.2.86.1.1.32)	JN.1* (Nextclade) + C23277T, C280C, G488G, A496A, C683C, C745C, C774C, T997T, C1060C, T1276T, C1288C, G1408G, G1590G, C1601C, C1612C, T1651T, C1762C, C1779C, G2155G, T2236T, A2526A, G2683G, C2695C, G2782G, A2941A, A3181A, T3127T, T3214T, G3875G, A4005A, T4138T, G4294G, C4543C, T4804T, C4921C, T4922T, A5269A, T5422T, G5558G, A6705A, C6555C, A5053A, C5184C, A6613A, C6633C, C7113C, C7423C, C7594C, C7732C, C8802C, A8845A, C9131C, C9298C, C9451C, C9565C, C9693C, C10369C, C10456C, C10726C, C10747C, C11102C, C11747C, T12244T, A13288A, C13326C, A13533A, C13620C, C13663C, C13720C, T14179T, C14267C, T14334T, T14466T, T14811T, G15226G, C15720C, G16106G, G16269G, C17012C, G17278G, G17562G, C17676C, A18093A, T18453T, G18674G, C18687C, T18738T, G18960G, C19011C, G19086G, G19132G, A19314A, A19578A, G20176G, T20874T, A21589A, C21741C, T22270T, T22669T, T22926C, T23137T, C23601C, C23896C, T24424T, C24734C, G25012G, T25171T, G25249G, A25327A, A25426A, C25566C, C25680C, G25987G, G26101G, C26499C, T26511T, G27047G, C27476C, G27948G, A28104A, G28123G, C29642C, A29700A	193	32	82.41%	73.17%	91.65%	S:T572I direct on the poly
★	JN.1.27 (BA.2.86.1.1.27)	JN.1* (Nextclade) + C26894T, C25680T + S:M153I	61	0	81.58%	66.72%	96.44%	C26894T C25680T S:M1
★	XDP	XDP* (Nextclade)	549	49	79.48%	73.54%	85.42%	JN.1.4/FL.15 recombinant
★	JN.1.35 (BA.2.86.1.1.35)	JN.1* (Nextclade) + T18471C + S:S680Y	55	8	77.63%	62.95%	92.31%	T18471C S:S680Y
★	JN.1.30.1 (BA.2.86.1.1.30.1)	JN.1* (Nextclade) + G21255T, T7789C + S:R346T	23	7	77.31%	56.05%	98.57%	T7789C S:R346T
	XDQ	XDQ* (Nextclade)	162	22	76.70%	67.64%	85.76%	BA.2.86.1/FL.15.1.1 recombinant
★	JN.1.8.1 (BA.2.86.1.1.8.1)	JN.1.8.1* (Nextclade)	2 294	307	75.37%	72.02%	78.72%	S:T572I
★	JN.1.8.2 (BA.2.86.1.1.8.2)	JN.1* (Nextclade) + A12928G, G22599C, C27476T	44	9	75.03%	59.24%	90.83%	S:R346T
★	JN.1.18 (BA.2.86.1.1.18)	JN.1.18* (Nextclade)	1 317	238	73.89%	70.00%	77.79%	S:R346T direct on the poly
★	JN.1.20 (BA.2.86.1.1.20)	JN.1.20* (Nextclade)	561	86	73.31%	68.05%	78.56%	S:S31F direct on the poly
★	JN.1.28 (BA.2.86.1.1.28)	JN.1* (Nextclade) + C24034T, A29700G	460	55	70.30%	64.92%	75.67%	C24034T A29700G
	XDR	XDR* (Nextclade)	441	98	65.70%	60.54%	70.86%	JD.1.1.1/JN.1.1 recombinant
★	JN.1.34 (BA.2.86.1.1.34)	JN.1* (Nextclade) + S:S704L	376	39	65.09%	59.75%	70.43%	S:S704L
★	JN.1.26 (BA.2.86.1.1.26)	JN.1* (Nextclade) + C26894T, G22599C, A6183G, C25680C	29	3	65.01%	48.51%	81.50%	C26894T S:R346T
★	JN.1.14 (BA.2.86.1.1.14)	JN.1.14* (Nextclade)	45	6	65.00%	51.57%	78.42%	S:R346S
★	XDD.1.1	XDD.1.1* (Nextclade)	160	19	64.87%	57.32%	72.42%	S:I584V
	XDT	XDT* (Nextclade)	57	0	64.71%	52.64%	76.78%	BA.2.86.4/GK.1 recombinant
★	XDD.1	XDD.1* (Nextclade)	288	27	64.45%	58.58%	70.31%	S:S704L

★	XDN	XDN* (Nextclade)	187	2	64.36%	57.12%	71.61%	JN.1.1/JD.1 recombinant
★	<u>JN.1.36 (BA.2.86.1.1.36)</u>	JN.1* (Nextclade) + A29086T + S:Q677H	137	14	63.95%	55.90%	72.00%	A29086T S:Q677H
★	<u>JN.1.8 (BA.2.86.1.1.8)</u>	JN.1.8* (Nextclade)	3 201	350	63.37%	60.98%	65.75%	ORF7a:T28I
★	<u>JN.1.25 (BA.2.86.1.1.25)</u>	JN.1* (Nextclade) + C706T, A7708T	42	6	61.15%	47.92%	74.38%	C706T A7708T
★	<u>JN.1.4 (BA.2.86.1.1.4)</u>	JN.1.4* (Nextclade)	31 339	2 434	61.04%	59.84%	62.23%	ORF1a:T170I NSP1:T170I
★	<u>JQ.2 (BA.2.86.3.2)</u>	BA.2.86.3* (Nextclade) + G2944A + S:R346T	16	2	60.71%	40.27%	81.16%	G2944A S:R346T
★	XDK	XDK* (Nextclade)	600	42	60.42%	56.30%	64.55%	JN.1.1.1/XBB recombinant
★	<u>JN.1 (BA.2.86.1.1)</u>	JN.1* (Nextclade)	143 847	10 424	60.40%	59.58%	61.22%	S:L455S ORF1a:R3821K
★	<u>JN.2.5 (BA.2.86.1.2.5)</u>	JN.2.5* (Nextclade)	665	31	60.23%	56.25%	64.20%	S:L455S
★	<u>JN.1.4.2 (BA.2.86.1.1.4.2)</u>	JN.1.4.2* (Nextclade)	1 293	93	57.95%	54.99%	60.91%	S:N185D
★	<u>JN.1.17 (BA.2.86.1.1.17)</u>	JN.1.17* (Nextclade)	114	9	57.00%	49.16%	64.84%	S:A222V
★	<u>JN.1.21 (BA.2.86.1.1.21)</u>	JN.1.21* (Nextclade)	331	20	54.80%	50.02%	59.58%	S:H1058Y
★	<u>JN.1.9 (BA.2.86.1.1.9)</u>	JN.1.9* (Nextclade)	1 680	122	54.13%	51.63%	56.62%	S:Q183H
★	<u>JN.1.15 (BA.2.86.1.1.15)</u>	JN.1.15* (Nextclade)	171	13	53.95%	47.73%	60.16%	S:A688V
★	<u>JN.1.4.5 (BA.2.86.1.1.4.5)</u>	JN.1.4* (Nextclade) + ORF8:S103L	7 226	544	53.82%	52.29%	55.35%	ORF8:S103L
★	<u>JN.1.22 (BA.2.86.1.1.22)</u>	JN.1.22* (Nextclade)	2 669	132	52.73%	50.67%	54.79%	C13019T ORF1a:S505F
★	<u>JN.1.6.1 (BA.2.86.1.1.6.1)</u>	JN.1.6.1* (Nextclade)	227	14	51.95%	46.62%	57.28%	S:R346T
★	<u>JN.1.1.5 (BA.2.86.1.1.1.5)</u>	JN.1.1* (Nextclade) + C9142T + S:R346T	129	10	51.83%	44.99%	58.67%	C9142T S:R346T
★	<u>JN.1.4.1 (BA.2.86.1.1.4.1)</u>	JN.1.4.1* (Nextclade)	164	8	51.35%	45.23%	57.47%	S:E654V
★	<u>JN.1.6 (BA.2.86.1.1.6)</u>	JN.1.6* (Nextclade)	1 090	43	51.12%	48.35%	53.89%	G22627A
★	<u>JN.1.3 (BA.2.86.1.1.3)</u>	JN.1.3* (Nextclade)	297	20	50.60%	45.97%	55.23%	ORF8:Q18Stop
★	<u>JN.1.31 (BA.2.86.1.1.31)</u>	JN.1* (Nextclade) + C19186T + ORF3a:V13L	1 272	66	49.59%	47.08%	52.11%	C19186T ORF3a:V13L
★	<u>JN.1.10 (BA.2.86.1.1.10)</u>	JN.1.10* (Nextclade)	109	15	49.13%	42.03%	56.23%	S:T95I
★	<u>BA.2.86.1</u>	BA.2.86.1* (Nextclade)	161 074	10 644	47.33%	46.74%	47.92%	C12815T ORF1a:K1973F
★	<u>JN.1.30 (BA.2.86.1.1.30)</u>	JN.1* (Nextclade) + G21255T	330	28	47.28%	43.14%	51.41%	G21255T
Rows per page: 100 ▾ 1–100 of 111 < >								

The sequence data was updated: Last Monday at 5:07 PM
Nextclade dataset version: 2024-02-16--04-00-32Z

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